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(71)Applicant : SANKYO SEIKI MFG CO LTD

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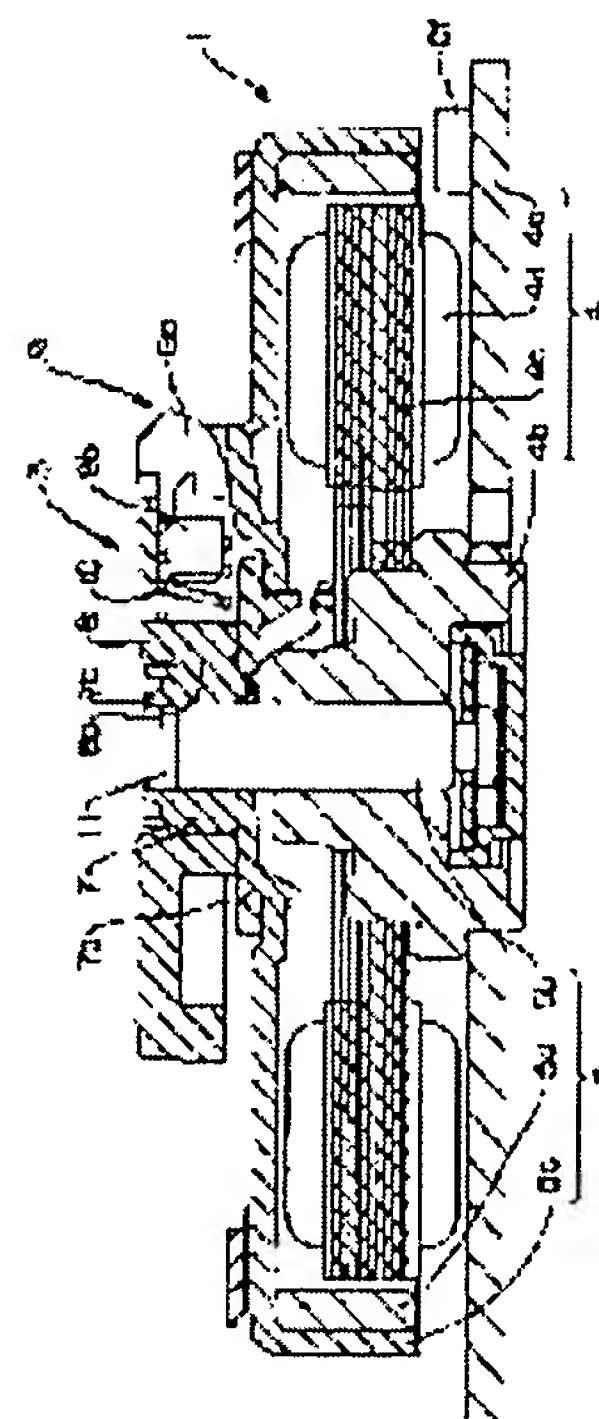
(72)Inventor : HIGUCHI DAISUKE

(54) MOTOR

(57)Abstract:

PROBLEM TO BE SOLVED: To obtain a small-sized motor that provides highly accurate vertical property of boss for the shaft and also provides a large coupling force between the shaft and boss.

SOLUTION: An edge of the shaft end in the side that is inserted with pressure into the center hole of a boss 7 is chamfered in an arc of radius R, a shaft introducing part 7b of which internal diameter is widened is provided at one end in the shaft direction of the center hole of boss 7, the diameter size B of the shaft introducing part 7b satisfies $A < B \leq 1.05A$ when the diameter size of a shaft 5b is determined as A, and the depth in the shaft direction of the shaft introducing part 7b is set at a depth larger than the radius R. Moreover, a caulking part 7c, consisting of the projected bank surrounding the external circumference of the shaft 5b, is provided to the end surface of the shaft direction of the boss 7 and the shaft 5b inserted into the boss 7 with pressure is fixed by the caulking with the caulking portion 7c.



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